

RSAD1 Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP50828

Product Information

Application WB, IHC Primary Accession Q9HA92

Reactivity Human, Mouse, Rat

HostRabbitClonalitypolyclonalCalculated MW48714

Additional Information

Gene ID 55316

Other Names Radical S-adenosyl methionine domain-containing protein 1, mitochondrial,

1399-, Oxygen-independent coproporphyrinogen-III oxidase-like protein

RSAD1, RSAD1

Dilution WB~~ 1:1000 IHC~~1:50~100

Format Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4,

150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.

Storage Conditions -20°C

Protein Information

Name RSAD1

Function May be a heme chaperone, appears to bind heme. Homologous bacterial

proteins do not have oxygen-independent coproporphyrinogen- III oxidase activity (Probable). Binds 1 [4Fe-4S] cluster. The cluster is coordinated with 3 cysteines and an exchangeable S-adenosyl-L- methionine (By similarity).

Cellular Location Mitochondrion.

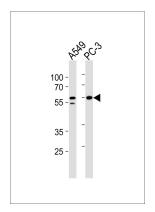
Background

May be involved in porphyrin cofactor biosynthesis (By similarity).

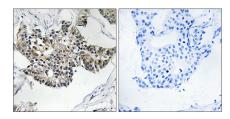
References

Ota T., et al. Nat. Genet. 36:40-45(2004). Suzuki Y., et al. Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.

Images



Western blot analysis of lysates from A549,PC-3 cell line (from left to right), using RSAD1 Antibody, was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using RSAD1 antibody.

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